Mar 88

# Titusville Radio Club Newsletter

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BREVARD OFFICE EQUIPMENT
MARCH EDITION

President: Ron Swank KB4DCZ 269-3087 Vice Prez: Dan Boyle K3KS 268-2469
Secretary: Dawn Jacobs KB4BNL 267-1896 Treasurer: Clyde Lee K4EOS 267-9375

### A Vote Of Thanks

Donataions to the club are essential and appreciated. One type of donation that sometimes goes unnoticed is the donatio of one's time & skills. There is one in our midst who always seems to be called on and donates his time and skills to club projects. Tower climbing, antenna installations, you name it and this guy is there, a valuble asset to the tecnichal committee, who is this fellow ham?, of course it is ARCHIE, WN3DHI. By the time you get this newsletter, Archie will have taken the upgrade at the Orlando Hamfest, good luck and thanks to Archie. - K4CWG

### Night Watch

Evere get your days and nights reversed? One of members Dennis, N4SDI (formerly KC4CFF) has done that! Most any night during the "wee" hours of the night you can raise him on our "91" machine to chat about various subjects. He also scans emergency, police, and aircraft to keep up with the happenings. During the days he gets his "z's" to rest up for another night of night watch. By K4EOS

### FOR SALE

Much ham and cb radio equipment, Includes drake, navahoe, collins, some poratables, books, wire, coax ect. Please contact Mrs. Doughty at 269-1442.

### CLUB INFO

Next Meeting: March 22nd at Jaycees building, 409 Singleton Ave.
Dues: $20/year with repeater
$3/year without repeater
$10 half year rate
Repeater: 146.91
Net: Thursdays at 8 pm on 146.91

### Antennas

Since antennas are the critical link in your ham station, an it is such a wide field tobe covered, we'd like to here from our members about any unusual types you may have encountered over the years. Please give details and diagrams if possible. My first antenna was an eighty meter dipole concealed in the in the attic. It was in a half loop pattern and worked quite well for me. -K4EOS

### Get Well

Bill Lathem, WB9LCT home and resting from a recent stay in the hospital. We all wish him a speedy recovery.

### Radar Site Tour

Dan, K3KS has arranged for a guided tour of the Patrick Airforce Base radar site. The Tour will be on Saturday March 26th at 4:30 P.M. For more information contact Dan at 268-2469.

(VIA W2GSA NEWSLETTER) W2NCF

## SKITREK

The purpose of the upcoming USSR/Canada Transpolar Skitrek where amateur radio will provide the only communications is for scientific purposes, to make geomagnetic, glacial and meteorlogical observations.

The expedition is privately organized and financed by Komsomolskaya Pravda (Soviet Youth Newspaper) and the Polar Bridge Company, a Canadian group with commercial sponsors. Their Icom ham radio gear will be carried in backpacks. Six air drops are scheduled, one every two weeks, three from the USSR and three from Canada.

Coordination of all Canadian communications is by Tom Atkins/VE3CDM who is presently in Moscow working out the details. The skiers will have to battle many obstacles, open water, thin ice, pressure ridges, low temperatures (to minus 50 degrees Celsius), winds and storms. Amateurs around the world will be able to hear the Oscar-11 satellite read the skier's location to them over 2-meters at 145.825 MHz. The trek gets underway in about three weeks.
(via W5YI Report Feb. 15, 1988)

## W2DME UPDATE ON SKITREK

Phil Petersen, W2DME who is involved with satellite communication has prepared a chart, which shows the passes of Oscar-11 for the month of March. Phil mentioned to me that you can use a standard 2-meter antenna and the higher the better.

Phil is really enthused about the trek and is working not only with local hams, but is trying to put something together so that the school children can get involved also.

Frequency=145.825 FM.

GMT=Greenwich mean time.

AOS=Acquisition of signal.

LOS=Loss of signal.

Elevation=Above the horizon (90° is straight up).

These are the best passes each day.

Other passes can be heard + or - 100 minutes from those shown here.

| Date | GMT AOS | GMT LOS | Elevation |
|---|---|---|---|
| 1 Mar. 88 | 0146 | 0159 | 49° E |
| 1 " " | 1521 | 1534 | 64° W |
| 2 " " | 0223 | 0237 | 67° W |
| 3 " " | 1458 | 1512 | 76° E |
| 4 " " | 0201 | 0215 | 72° E |
| 5 " " | 0239 | 0253 | 45° W |
| 6 " " | 1514 | 1528 | 75° W |
| 7 " " | 0217 | 0231 | 78° W |
| 8 " " | 1452 | 1505 | 65° E |
| 9 " " | 0155 | 0208 | 61° E |
| 9 " " | 1529 | 1543 | 52° W |
| 10 " " | 0232 | 0246 | 53° W |
| 11 " " | 1507 | 1521 | 86° W |
| 12 " " | 0210 | 0224 | 88° W |
| 13 " " | 1445 | 1459 | 55° E |
| 14 " " | 0148 | 0202 | 52° E |
| 14 " " | 1523 | 1536 | 61° W |
| 15 " " | 0226 | 0239 | 62° W |
| 16 " " | 1501 | 1514 | 80° E |
| 17 " " | 0204 | 0217 | 76° E |
| 18 " " | 1438 | 1452 | 47° E |
| 19 " " | 1516 | 1530 | 71° W |
| 20 " " | 0219 | 0233 | 74° W |
| 21 " " | 1454 | 1508 | 69° E |
| 22 " " | 0157 | 0211 | 65° E |
| 22 " " | 1532 | 1545 | 49° W |
| 23 " " | 0235 | 0248 | 50° W |
| 24 " " | 1509 | 1523 | 82° W |
| 25 " " | 0212 | 0226 | 85° W |
| 26 " " | 1447 | 1501 | 89° E |
| 27 " " | 0150 | 0204 | 56° E |
| 27 " " | 1525 | 1539 | 57° W |
| 28 " " | 0228 | 0242 | 57° W |
| 29 " " | 1503 | 1516 | 84° E |
| 30 " " | 0206 | 0219 | 81° E |
| 31 " " | 1441 | 1454 | 50° E |

It is probable that a special Transpolar Skitrek Expedition call sign will be authorized by the government of Canada to the main Canadian base station on Cornwallis Island, NWT.

The team will attempt to ski across the North Pole (actually the frozen Artic Ocean) from the top of the Soviet Union to the top of Canada, a distance of about 1100 miles.
(via W5YI Report Feb. 1, 1988)

At the last meeting the club voted to become A.R.R.L. affiliated. This affiliation requires that 51% of the voting members be ARRL members. We need your help to acquire the required numbers. Attached is a enrollment form, Please fill it out and send it in to ARRL, also notify the club that you have enrolled. You will receive QST magazine, and listed below are some other benefits afforded to the club.

Les K4SJC has been working on the repeater with help from others. He has a good receive signal but still a problem not allowing full power.

As talked about in the January meeting, the club is trying to start a help day. One day a month the club members help each other. I am looking for someone to organize the efforts and be a central contact point. If you could help in this manner I would be grateful. For information give me a call Ron KB4DCZ 269-3087

The March meeting will be the final decision whether the club will or will not incorporate. If you wish to vote please come to the meeting.

Affiliate your club with the ARRL! Here's a list of some of the benefits that come with affiliation:

1] Field Forum, jam packed with interesting news and ideas for and about clubs and Amateur Radio in general
2] The opportunity to order the ARRL Annual Report
3] ARRL-sponsored liability and equipment insurance
4] Referrals of prospective radio amateurs
5] ARRL club stationery
6] (During 1985) $5.00 Commission for **new** ARRL members
7] Free mailing labels or lists of ARRL members or clubs once a year
8] Geographical lists of all amateurs in a specific city
9] Films, other audio-visual aids and program materials
10] Clip art
11] "Join a Radio Club" brochure
12] $2.00 commission for every ARRL membership **renewal** handled by the club
13] Only affiliated clubs are eligible for participation in the gavel competitions in the ARRL DX Contest, the ARRL November Sweepstakes and the ARRL VHF Sweepstakes
14] Affiliated clubs can donate a complete set of ARRL publications to their local library at a discount price of $90
15] Lists of other affiliated clubs in your section
16] Use of ARRL logo on newsletters and letterhead.

## MEMBERSHIP APPLICATION

*Enter 4-digit code for sponsoring club, if any: | | | | |

Send to:

**The American Radio Relay League, Inc.**
225 Main Street
Newington, CT 06111

Name _____ Call _____

Street _____

City _____ Prov./State _____ PC/Zip _____

$25 in U.S./$30 in Canada/$33 elsewhere (U.S. funds)

Persons, age 17 or under or age 65 or over, upon submitting proof of age, may request the special dues rate of $20 in the U.S. ($25 in Canada, $28 elsewhere in U.S. funds)

For postal purposes, fifty percent of dues is allocated to QST, the balance for membership

Charge to AMEX, VISA or MC No. _____

Valid from _____ Good through _____

*Note:
If you are joining the ARRL for the first time and you wish to thank the ARRL-Affiliated Club that introduced you to the ARRL, please enter its 4-digit code (club members can tell you what their code is) in the space provided at the top.

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